APPARATUS AND METHOD USING IT FOR DETECTING AND DISPLAYING FORM OF INSERTION PART OF ENDOSCOPE INSERTED INTO BODY CAVITY

ABSTRACT OF THE DISCLOSURE

A shape of endoscope detecting apparatus in accordance with the present invention consists mainly of a shape detection unit, a marker, a location information of marker acquisition unit, and a display control unit. The shape detection unit detects the shape of a portion of an insertion unit of an endoscope inserted into a subject, and produces graphic data expressing the shape thereof. The marker is placed near a position on the subject at which the endoscope is inserted. The location information of marker acquisition unit acquires the location information of the marker. The display control unit graphically indicates on a display device the shape of the portion inserted into a body cavity, which is detected by the shape detection unit, using as a reference the location information of the marker acquired by the location information of marker acquisition unit.